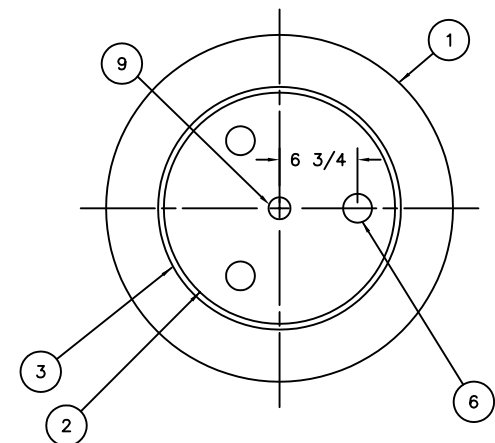
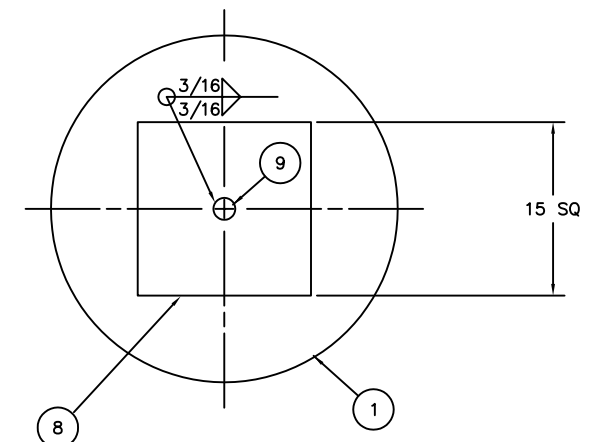


5CFR
SCALE: 1-1/2"=1'-0"

5NFR
SCALE: 1-1/2"=1'-0"

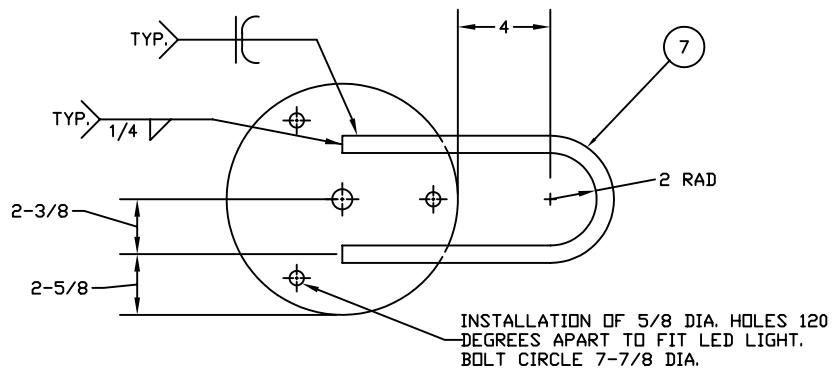


SECTION A-A
SCALE: 1-1/2"=1'-0"

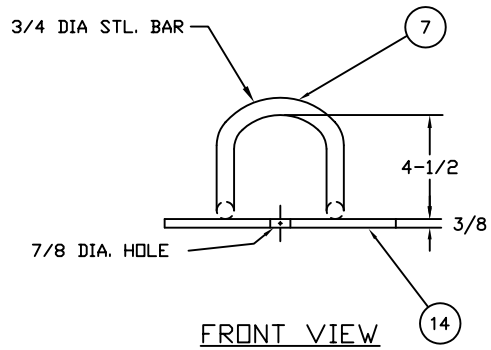


SECTION B-B
SCALE: 1-1/2"=1'-0"

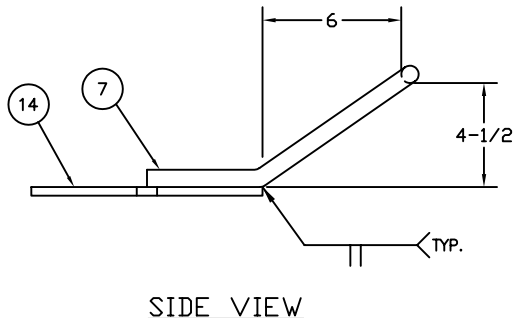
C	5-8-00	W.D.	DELETED ITEM 10 & DETAIL C. ADDED ITEMS 16, 17, & BOLT HOLES IN ITEM 14. MODIFIED NOTE 5 & ITEM 7.	K.W.
B	1-5-99	S.W.	MOD QTY. OF ITEM 6.	S.M.
A	1-22-97	S.W.	REORGANIZED DRAWING. MODIFIED NOTES 2 & 5. ADDED ITEMS 14, 15 & DETAIL E. MOD ITEMS 7, 9, 12, 13, & 14.	C.B.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED: D.B. DRAWN: D.B. TRACED: S.M. CHECKED: S.M. REVIEWED BY:			U.S. COAST GUARD HEADQUARTERS CIVIL ENGINEERING 5CFR AND 5NFR UNLIGHTED FOAM BUOYS	
D. Braganza PROJECT ENGINEER REVIEWED BY:				
S. McEvoy G-ECV-3B REVIEWED BY:				
S.D. Walker		APPROVED:	L. E. Jaeger CHIEF OF OCEAN ENGINEERING BRANCH	DATE 08-30-95
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. $\pm 1/8$ ANG. $\pm 1^\circ$			DRAWING NUMBER 121169	REV. C
PLOTING SCALE: 1-1/2"=1'-0"			SCALE: AS NOTED	SHEET 1 OF 2



TOP VIEW

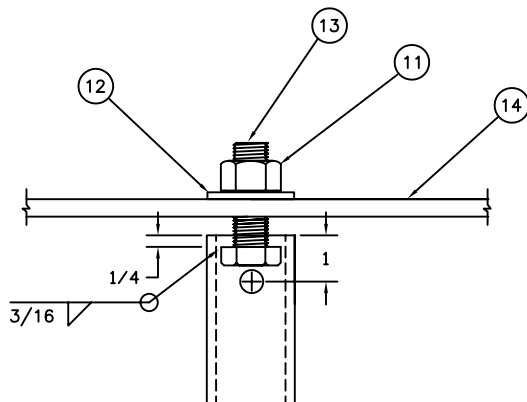


FRONT VIEW

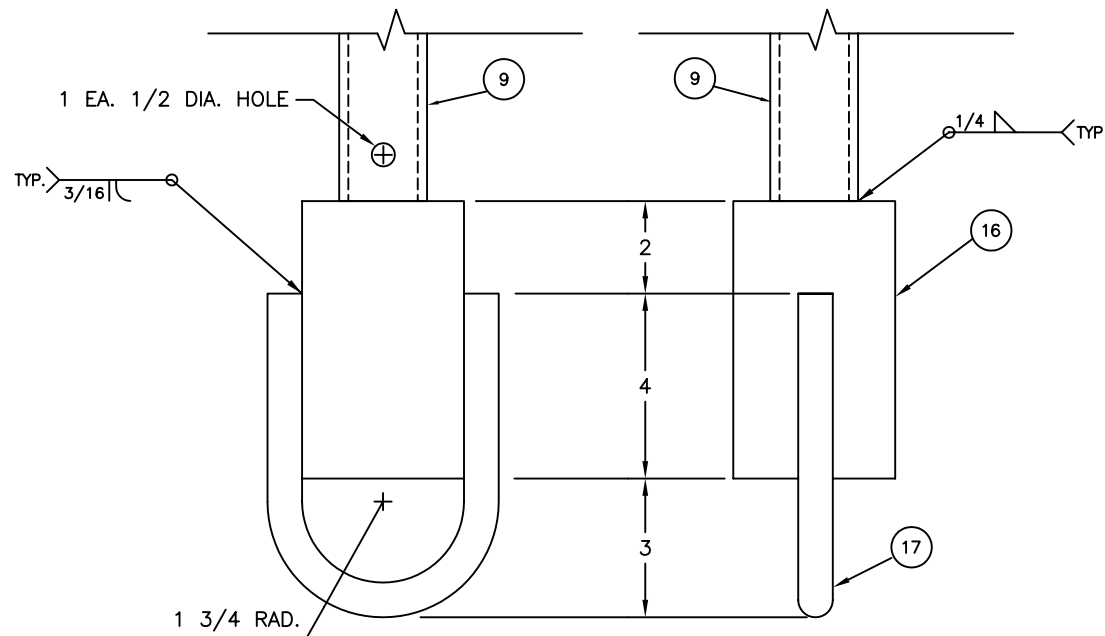


SIDE VIEW

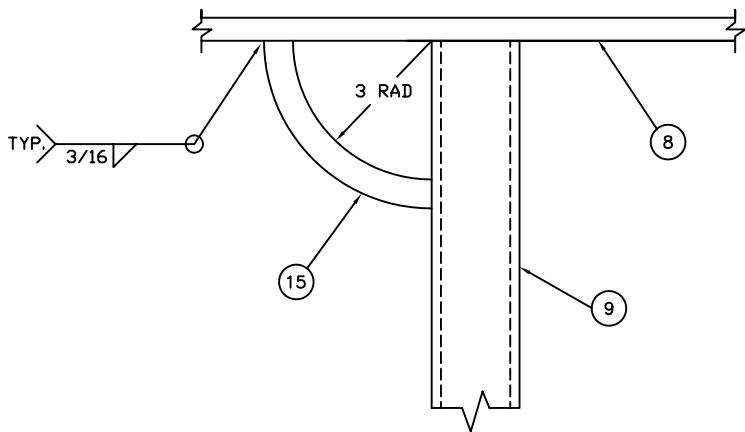
DETAIL A
LIFTING EYE
3"=1'-0"



DETAIL B
ASSEMBLY BOLT
6"=1'-0"



DETAIL D
6"=1'-0"



DETAIL E
MOORING BAR
6"=1'-0"

ITEM NO.	(CFR)(NFR)		BILL OF MATERIALS		
	NO. REQ.	NO. REQ.	DESCRIPTION	MATL.	REMARKS
1	1	1	BUOY BODY	FOAM	3 PCF SEE NOTE 1
2	1	-	BUOY TOP (CFR)	FOAM	3 PCF SEE NOTES 1 & 2
3	-	1	BUOY TOP (NFR)	FOAM	3 PCF SEE NOTES 1 & 2
4	3	-	RETROREFLECTIVE MATERIAL	---	6x14 SEE NOTE 4
5	-	3	RETROREFLECTIVE MATERIAL	---	6x12 SEE NOTE 4
6	3	3	RADAR REFLECTOR ASSEMBLY	---	MOBRI M2 SEE NOTE 3
7	1	1	LIFTING EYE	STEEL	3/4 BAR, SEE DET. A
8	1	1	BOTTOM PLATE	STEEL	1/2 THK.
9	1	1	CENTER PIPE	STEEL	1-1/2 SCH80 PIPE x 72 LG
11	1	1	NYLOCK NUT	STAINLESS STEEL	3/4-10 UNC-2B
12	1	1	WASHER	STAINLESS STEEL	3/4
13	1	1	FULL THREAD HEX HEAD BOLT	STAIN. STEEL	3/4-10UNC-2Bx3 LG SEE NOTE 5
14	1	1	TOP PLATE	STEEL	10 DIA. x 3/8 THK.
15	1	1	MOORING BAR	STEEL	5/8 BAR, SEE DET. E
16	1	1	COUNTERWEIGHT	STEEL	3 1/2 x 3 1/2 x 6 LG.
17	1	1	MOORING ROD	STEEL	3/4 DIA. ROD

NOTES:

- SEE LATEST REVISION OF U.S.C.G. CIVIL ENGINEERING SPECIFICATION No. 450 FOR FABRICATION REQUIREMENTS.
- CUT HOLES IN ITEMS 2 & 3 TO PERMIT A TIGHT FIGHT WITH ITEM 6. FILL VOID WITH IONOMER FOAM PLUGS.
- INSTALL ITEM 6 120 DEGREES APART.
- INSTALL ITEMS 4 & 5, 120 DEGREES APART AND 6 INCHES FROM THE TOP ON THE BUOY BODY.
- ITEMS 7, 8, 9, 14, 15, 16, & 17 SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH THE SPECIFICATION.

C	5-8-00	W.D.	DELETED ITEM 10 & DETAIL C. ADDED ITEMS 16, 17, & BOLT HOLES IN ITEM 14. MODIFIED NOTE 5 & ITEM 7.	K.W.
B	1-5-99	S.W.	MOD QTY. OF ITEM 6.	S.M.
A	1-22-97	S.W.	REORGANIZED DRAWING. MODIFIED NOTES 2 & 5. ADDED ITEMS 14, 15 & DETAIL E. MOD ITEMS 7, 9, 12, 13, & 14.	C.B.
REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED: D.B. DRAWN: D.B. TRACED: S.M. CHECKED: S.M. REVIEWED BY:			U.S. COAST GUARD CIVIL ENGINEERING 5CFR AND 5NFR UNLIGHTED FOAM BUOYS	HEADQUARTERS
D. Braganza PROJECT ENGINEER REVIEWED BY:				
S. McEvoy G-ECV-3B REVIEWED BY:				
S.D. Walker		APPROVED:	L. E. Jaeger CHIEF OF OCEAN ENGINEERING BRANCH	DATE 08-30-95
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ±1/8 ANG. ±1°			DRAWING NUMBER 121169	REV. C
SCALE: AS NOTED			SHEET 2 OF 2	